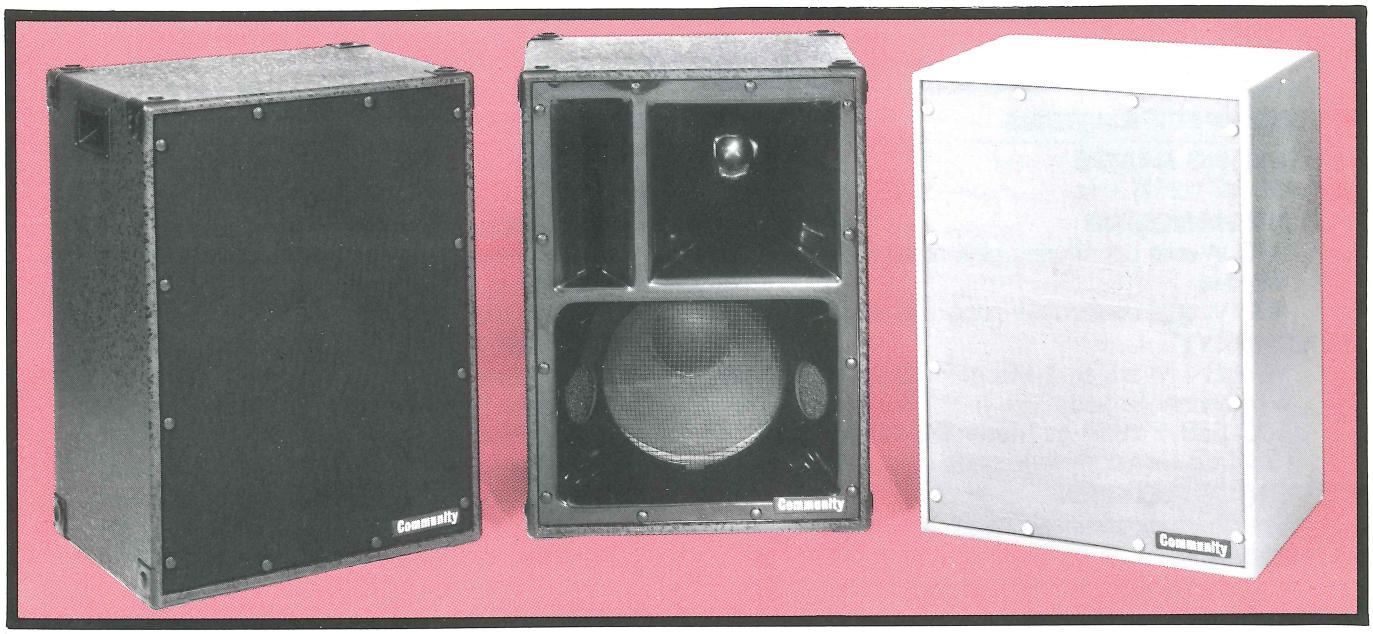
Community

SYSTEM SERIES

RS325i

COMPACT THREE WAY LOUDSPEAKER SYSTEM

- High sensitivity
- Coherent wavefront design
- High power capacity
- Precise transient reproduction
- Light weight compact package



THE RS325i THREE-WAY LOUDSPEAKER SYSTEM

Engineered to deliver high levels of sound pressure and projection from a lightweight and portable cabinet, the new RS325i three-way loudspeaker system from Community is capable of handling 400 watts of continuous program power in an operating range of 60 Hz to 18 kHz.

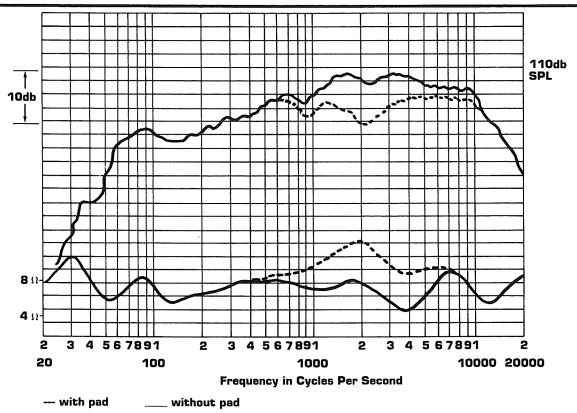
At the heart of the RS325i lies Community's exclusive M200 midrange driver and exponential pattern control horn. Covering the critical information range from 450 Hz to 3 kHz, the M200 offers high sensitivity, low distortion, and accurate transient reproduction formerly unobtainable in a loudspeaker system of this size.

For frequencies above 3 kHz, a pair of piezo-electric drivers mounted on a pattern control horn were chosen, while low frequencies are channeled through a 15'' driver attached to an exponential coupler with reflex tuning ports on its sidewalls. Like the driver and horn in the M-200, the bass loudspeaker is equipped with a voice coil which is cooled and dampened by magnetically conductive fluid.

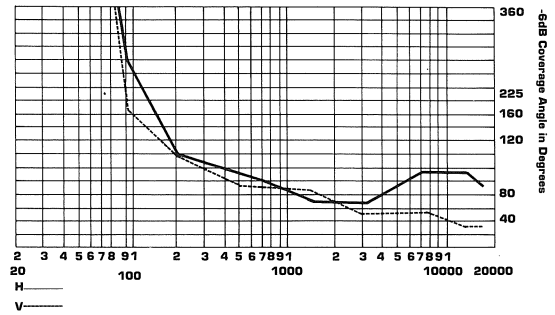
To keep from relying upon low-efficiency time-delay crossover networks or complicated electronic delay systems, the RS325i incorporates a one-piece fiberglass faceplate that is the backbone of the unit's coherent wavefront design. By maintaining correct driver positioning and phase alignment at each crossover point, as well as the precision-molded shape of each of the three elements, this exclusive Community feature creates optimum alignment that insures the simultaneous arrival of energy transmitted from each driver to the listener's ear.

Enclosed in a rugged ¾'' plywood cabinet with a textured black finish, stacking corners, and recessed handles, the RS325i comes standard with a black grille. A version without handles and stacking hardware is also available in a medium grey cabinet with a neutral grille. Accessories include an auxillary woofer [VB990] that boosts low frequency performance while still maintaining the coherent wavefront design, and a line-level frequency equalizer [320-EQ]. For operation without an equalizer, both models are equipped with a midrange pad switch.

SYSTEM SERIES RS325i



Response and impedance



Coverage angle vs. frequency

RS325i SPECIFICATIONS

OPERATING RANGE
60 HZ to 18 kHz

POWER HANDLING
200 Watts continuous pink noise 60 Hz - 18 kHz
400 Watts continuous program power

SENSITIVITY
104dB 1 Watt at 1 Meter 400-4kHz [101dB with midrange pad]
100.5dB 1 Watt at Meter 60-18kHz [98.5dB with midrange pad]

COVERAGE PATTERN
See chart of coverage angle vs. frequency.

IMPEDANCE
8 ohms nominal, 4 ohms minimum at 13kHz

DRIVERS
LF: 15" cone type
MR: 2" throat horn driver
HF: dual piezo electric horn drivers

CROSSOVER
12 dB/octave at 450Hz and 3kHz

CONTROLS
Midrange pad switch [for operation without equalizer]

CONNECTORS
Dual ¼" phone jacks, 4 amp speaker protection fuse

DIMENSIONS
24-5/16"H x 18-7/16"W x 14-5/8"D

WEIGHT
52 LB. [shipping]

RS325i VERSIONS

The RS325i is available in the following versions:

RS325i
Complete factory assembled unit. Black texture-coat cabinet with pocket handles and stacking corners. Bottom mount "T" nuts for stand mounting 5-¼" center.

RS325i GP
Complete factory assembled unit. Neutral grey cabinet finish, neutral grille, no corners or handles.

RS325i KIT-1
Faceplate with all drivers and crossover installed, wired input panel supplied. Factory tested. Enclosure not supplied, [plans available on request].

RS325i KIT-2
As KIT-1, except 15" woofer not supplied.

RS325i KIT-3
As RS325i except 15" woofer not supplied.

RS325i GP KIT-3
As RS325i GP, except 15" woofer not supplied.

CONSTRUCTION
Faceplate: hand laminated fiberglass, gloss black finish
Enclosure: ¾" plywood construction with black texture enamel finish. Stacking corners and pocket handles.

Community

Community Light & Sound, Inc.

333 East 5th Street, Chester, PA 19013 (215) 876-3400 Telex 834649 Philly PA Cher